

## REMARKS/ARGUMENTS

Claims 1-40 and 48-54 remain in this application for further review. The claims have been amended as set forth above to include a minor clarification. No new matter has been added.

### **I. Examiner Interview August 30, 2007**

An Examiner Interview was held on August 30, 2007 to discuss the clarity of the claim language. Applicants believe that an agreement has been reached that the current changes overcome the cited references.

### **II. Rejection of Claims 1-40 and 48-54 Under 35 U.S.C. § 103(a)**

Claims 1-40 and 48-54 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,623,529 (hereinafter "Lakritz") in view of U.S. Patent App. Pub. No. 2002/0047831 A1 (hereinafter "Kim").

Applicants set forth the below example in hopes of bringing Examiner Smits up to speed on the lengthy prosecution and progress already accomplished by the previous Examiner of this application. The points that Examiner Smits brings up in the Office Action have already be discussed in great detail with the prior examiner. This example is meant for explanatory purposes only and not meant to limit the claims in any manner in that applicant believes the claims are allowable as written. Applicant hopes that this example sheds light on certain aspects of the application and helps realize the clear distinctions associated with the references.

### **EXAMPLE SCENARIO**

A mobile device manufacture manufactures a plurality of cellular telephones each having applications associated therewith. The mobile device manufacture may also configure the plurality of mobile devices with a language resource data store. The language resource data store includes language settings

for a plurality of languages where the applications may be used. The cellular telephones are distributed all over the world. In this example, one cellular telephone may be delivered to Germany and another cellular telephone may be delivered to France. A German user may request a German language setting on the mobile device and the applications are accordingly displayed in a German language. Likewise, a French user may request a French language setting on the mobile device and the applications are accordingly displayed in a French language.

To further the example, the French government may recognize a time-zone that the German government may not recognize. The applications on the French mobile device may not have the French recognized time-zone associated therewith because the manufacture of the mobile device did not know that the cellular telephone would end up in France (and/or it is less economical to manufacture many versions of a mobile device each for a different country). Therefore, the French user may request the time-zone element from a geographic resource data store and associate the time-zone element with the application so that the time-zone is recognized on the mobile device. Since the German government does not recognize the time-zone, the German user may not request the time-zone element. In this manner, a mobile device manufacture may manufacture a generically configured telephone for distribution to a plurality of geographical regions speaking a plurality of languages. The mobile devices are easily configurable regardless of the region or language.

Independent claim 1 has been amended to recite the following combination of features not taught or otherwise suggested by the cited art:

A method for configuring a multi-language mobile device to accommodate data variances among geographic locations, the method comprising:

configuring the multi-language mobile device ***to include*** a language resource data store ***on the multi-language mobile device, wherein the language resource data store includes a first group of non-localized language-dependent elements for viewing an application in a first language and a second group of non-localized***

***language-dependent elements for viewing an application in a second language, the second language being different than the first language;***

configuring the multi-language mobile device ***to include*** a geographical resource data store ***on the multi-language mobile device***, wherein the geographical resource data store includes geographically dependent elements for association with the application to update the application for a geographic location;

processing a request from an application to retrieve geographically dependent elements;

providing requested geographically dependent elements from the geographic resource data store to the application; and

displaying the geographically dependent elements on the multi-language mobile device.

Applicants can find no teaching or suggestion in the cited references of the above combination of features. Lakritz teaches a system for delivering, from a web server, different versions of web pages associated with different languages to various users. Lakritz teaches that “[a] preferred embodiment of the invention automatically determines the language and country of a Web site visitor and ***directs the Web server to deliver the appropriate localized content contained in a country/language database to the visitor's browser.***” (Lakritz, at Abstract). This system allows individual computers to receive a single version of a website, in a single language from a visitor module. (Lakritz, at Figure 2).

The system of Lakritz relies on a single centralized language database to allow many computers, which do not each have individual language databases, to receive multilingual versions of a website. Lakritz does not teach ***configuring individual mobile devices with a language resource data store***. Configuring each mobile device with a language data store reduces the need for a centralized language server to be maintained. For example, where the mobile device is a cellular phone, providing each cellular phone with a language data store

allows a manufacture to create many cellular phones and ship each to different countries. Each cell phone may then display information from the data store associated with the country associated with the location of the cellular phone. In this way, once the cellular phone is manufactured and shipped, the phone is fully functional. No additional support is required.

On the other hand, if each cellular phone has only a single language programmed into it, and must receive additional languages from a centralized language server, the cellular phone works only in conjunction with the centralized language store. This, therefore, requires the additional cost of maintaining a centralized language store and providing a means of updating each cellular phone as it travels. In direct contrast to relying on the centralized language server of Lakritz, claim 1 recites “*configuring the multi-language mobile device to include a language resource data store on the multi-language mobile device*, wherein the language resource data store includes a first group of non-localized language-dependent elements for viewing an application in a first language and a second group of non-localized language-dependent elements for viewing an application in a second language, the second language being different than the first language.”

Applicants assert that Kim does not remedy the lack of teaching in Lakritz. The Office Action states that Kim teaches "configuring a mobile terminal with data proper for the language of a country where it is location in a mobile communications network." Cited paragraph 8 of Kim teaches "[a]ccording to another aspect of the present invention, there is provided a recording medium programmed by a computer to perform a method for providing a mobile terminal with a soft keyboard proper for the language of a country where it is locate in a mobile communications network providing global roaming, which comprises the steps of constructing a database on the

information multinational software keyboards in a server, transmitting the information on the location of the mobile terminal to the server, and transmitting the information on the proper software keyboard to the mobile terminal by ascertaining the country." (Kim, at paragraph 8) Kim teaches a system, similar to Lakritz, in which a centralized server transmits a single language version of content to a terminal. (Kim, at Abstract). Much like the individual computers of the website visitors of Lakritz, the terminals of Kim do not include a language resource data store. Rather, Kim teaches "constructing a database on the information of multinational software keyboards in a server, transmitting the information on the location of the mobile terminal to the server, and *transmitting the information on the proper software keyboard to the mobile terminal by ascertaining the country.*" (Kim, at Abstract). Thus, the cited references, individually or in motivated combination, do not teach or suggest the combination of features recited in claim 1. Accordingly, applicants assert that independent claim 1 is allowable.

Independent claim 11 has been amended to recite the following combination of features not taught or otherwise suggested by the cited art:

A computer-readable medium having computer-executable instructions for configuring a multi-language mobile device to accommodate data variances among geographic locations, the instructions comprising:

configuring the multi-language mobile device to include a language resource data store on the multi-language mobile device, wherein the language resource data store includes a first group of non-localized language-dependent elements for viewing an application in a first language and a second group of non-localized language-dependent elements for viewing an application in a second language, the second language being different than the first language;

configuring the multi-language mobile device to include a geographical resource data store on the multi-language mobile device, wherein the geographical

resource data store includes geographically dependent elements for association with an application to update the application for a geographic location;

processing a request from the application to retrieve geographically dependent elements;

providing requested geographically dependent elements from the geographic resource data store to the application; and

displaying the geographically dependent elements on the multi-language mobile device.

As previously stated, Lakritz teaches transmission of a website version to computers.

The computers do not have a language resource data store. Lakritz does not teach configuring individual mobile devices with their own language databases. Applicants assert that Kim does not remedy the lack of teaching in Lakritz. Kim teaches a system, similar to Lakritz, in which a centralized server transmits a single language version of content to a terminal. Much like the individual computers of the website visitors of Lakritz, the terminals of Kim do not include a language resource data store. Thus, the cited references, individually or in motivated combination, do not teach or suggest the combination of features recited in claim 11.

Accordingly, applicants assert that independent claim 11 is allowable.

Independent claim 21 has been amended to recite the following combination of features not taught or otherwise suggested by the cited art:

A multi-language mobile electronic device, comprising:

a geographic resource data store means on the multi-language mobile electronic device for storing geographically dependent elements for a plurality of geographic locations, wherein the geographically dependent elements are stored for association with an application of the multi-language mobile electronic device to update the application for a geographic location;

means for processing a request from the application to retrieve geographically-dependent elements from the geographic resource data store means;

***a language resource data store on the multi-language mobile electronic device for storing language-dependent elements for viewing the application in a first and second language, the language resource data store means having a plurality of language-dependent elements, each language-dependent element being associated with a uniquely identified language;***

means for displaying information; and

means for providing requested geographically-dependent elements from the geographic resource data store means to the application to be displayed.

As previously stated, Lakritz teaches transmission of a website version to computers.

The computers do not have a language resource data store. Lakritz does not teach configuring individual mobile devices with their own language databases. Applicants assert that Kim does not remedy the lack of teaching in Lakritz. Kim teaches a system, similar to Lakritz, in which a centralized server transmits a single language version of content to a terminal. Much like the individual computers of the website visitors of Lakritz, the terminals of Kim do not include a language resource data store. Thus, the cited references, individually or in motivated combination, do not teach or suggest the combination of features recited in claim 21.

Accordingly, applicants assert that independent claim 21 is allowable.

Independent claim 31 has been amended to recite the following combination of features not taught or otherwise suggested by the cited art:

A system for configuring a multi-language mobile device to accommodate data variances of geographical regions, comprising:

a display unit;

***a language resource data store on the multi-language mobile device, wherein the language resource data store is configured to store a first group of language-dependent elements for viewing an application in a first language and***

***a second group of language-dependent elements for viewing the application in a second language, the second language being different than the first language;***

a geographical resource data store associated on the multi-language mobile device, wherein the geographical resource data store is configured to store geographically-dependent elements for association with an application to update the application for a geographic location;  
an application associated with the multi-language mobile device; and

an operating system coupled to the display, the geographical resource data store, and the application, wherein the operating system is configured to process a request from the application to retrieve geographically-dependent elements from the geographical resource data store, provide requested geographically-dependent elements from the geographical resource data store to the application, and cause the display unit to display the geographically-dependent elements.

As previously stated, Lakritz teaches transmission of a website version to computers.

The computers do not have a language resource data store. Lakritz does not teach configuring individual mobile devices with their own language databases. Applicants assert that Kim does not remedy the lack of teaching in Lakritz. Kim teaches a system, similar to Lakritz, in which a centralized server transmits a single language version of content to a terminal. Much like the individual computers of the website visitors of Lakritz, the terminals of Kim do not include a language resource data store. Thus, the cited references, individually or in motivated combination, do not teach or suggest the combination of features recited in claim 31.

Accordingly, applicants assert that independent claim 31 is allowable.

Independent claim 48 has been amended to recite the following combination of features not taught or otherwise suggested by the cited art:

A computer-implemented method for configuring a multi-language mobile device to accommodate data variances of geographical regions, the method comprising:

providing an application for generating user interface elements;



configuring the multi-language mobile device ***to include*** a language resource data store ***on the multi-language mobile device, wherein the language resource data store includes a first group of language settings for the user interface elements associated with a first language, and a second group of language settings for the user interface elements associated with a second language, the second language being different than the first language;***

configuring the multi-language mobile device ***to include*** a geographic resource data store ***on the multi-language mobile device*** having geographically specific user interface elements;

requesting a language setting associated with a language;

providing user interface elements in the language;

requesting a geographic specific user interface element; and

associating the geographically specific user interface element with the application.

As previously stated, Lakritz teaches transmission of a website version to computers.

The computers do not have a language resource data store. Lakritz does not teach configuring individual mobile devices with their own language databases. Applicants assert that Kim does not remedy the lack of teaching in Lakritz. Kim teaches a system, similar to Lakritz, in which a centralized server transmits a single language version of content to a terminal. Much like the individual computers of the website visitors of Lakritz, the terminals of Kim do not include a language resource data store. Thus, the cited references, individually or in motivated combination, do not teach or suggest the combination of features recited in claim 48.

Accordingly, applicants assert that independent claim 48 is allowable.

Independent claim 51 has been amended to recite the following combination of features not taught or otherwise suggested by the cited art:

A computer-readable medium having computer executable instructions for configuring a multi-language mobile device to accommodate data variances of geographical regions, the instructions comprising:

providing an application for generating geographically neutral user interface elements and geographically dependent user interface elements;

configuring the multi-language mobile device to include a language resource data store on the multi-language mobile device, *wherein the language resource data store includes a first group of language settings for the neutral user interface elements associated with a first language, and a second group of language settings for the neutral user interface elements associated with a second language, the second language being different than the first language;*

configuring the multi-language mobile device to include a geographic resource data store on the multi-language mobile device having the geographically specific user interface elements;

requesting a language setting associated with a language;

providing geographically neutral user interface elements in the language;

requesting a geographic specific user interface element; and

associating the geographically specific user interface element with the application.

As previously stated, Lakritz teaches transmission of a website version to computers.

The computers do not have a language resource data store. Lakritz does not teach configuring individual mobile devices with their own language databases. Applicants assert that Kim does not remedy the lack of teaching in Lakritz. Kim teaches a system, similar to Lakritz, in which a centralized server transmits a single language version of content to a terminal. Much like the individual computers of the website visitors of Lakritz, the terminals of Kim do not include a language resource data store. Thus, the cited references, individually or in motivated combination, do not teach or suggest the combination of features recited in claim 51.

Accordingly, applicants assert that independent claim 51 is allowable.

Independent claim 53 has been amended to recite the following combination of features not taught or otherwise suggested by the cited art:

A multi-language mobile device for accommodating data variances among geographical regions, the device comprising:

***a language resource data store on the multi-language mobile device, wherein the language resource data store includes a first group of language settings for user interface elements associated with a first language, and a second group of language settings for user interface elements associated with a second language, the second language being different than the first language;***

a geographic resource data store on the multi-language mobile device, wherein the geographic resource data store includes geographically specific user interface elements;

an application associated with a display for displaying the user interface elements on a display, wherein the application is configured to:

request, from the language resource data store, a language setting associated with a language;

display the user interface elements in the language;

request, from the geographic resource data store, a geographically specific user interface element; and

display the geographically specific user interface elements.

As previously stated, Lakritz teaches transmission of a website version to computers.

The computers do not have a language resource data store. Lakritz does not teach configuring individual mobile devices with their own language databases. Applicants assert that Kim does not remedy the lack of teaching in Lakritz. Kim teaches a system, similar to Lakritz, in which a centralized server transmits a single language version of content to a terminal. Much like the individual computers of the website visitors of Lakritz, the terminals of Kim do not include a language resource data store. Thus, the cited references, individually or in motivated combination, do not teach or suggest the combination of features recited in claim 53.

Accordingly, applicants assert that independent claim 53 is allowable.

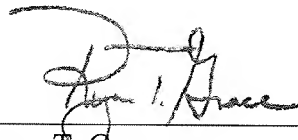
Claims 2-10, 12-20, 22-30, 32-40, 49-50, 52 and 54 include features not taught or suggested by the cited references. Moreover, those claims ultimately depend from independent claims 1, 11, 21, 31, 48, 51 and 53, respectively. As such, applicants assert that they should be found allowable for at least the same reasons as their respective independent claims.

**III. Request for Reconsideration**

In view of the foregoing amendments and remarks, all pending claims are believed to be allowable and the application is in condition for allowance. Therefore, a Notice of Allowance is respectfully requested. Should the Examiner have any further issues regarding this application, the Examiner is requested to contact the undersigned attorney for the applicant at the telephone number provided below.

Respectfully submitted,

MERCHANT & GOULD P.C.



Ryan T. Grace  
Registration No. 52,956  
Direct Dial: 206.342.6258

MERCHANT & GOULD P.C.  
P. O. Box 2903  
Minneapolis, Minnesota 55402-0903  
206.342.6200

